

**ROBEX 360LC-7A** 

# Standard Equipment

# ISO standard cabin

- · Heater & Defroster
- Heater (7,500 kcal/hr, 30,000 BTU/hr) · All-weather steel cab with all-around visibility
- · Safety glass windows
- · Rise-up type windshield wiper
- Sliding fold-in front window
- · Sliding side window
- Lockable door
- · Hot & cool box
- · Accessory box & Ash-tray

### **Computer Aided Power** Optimization(New CAPO) system

- · 2-power mode, 3-work mode, 2-user mode
- · Auto deceleration & one touch deceleration
- · Auto warm up system · Auto overheat prevention system

### Heater & Defroster (7500 Kcal/hr, 30000 BTU/hr) Self diagnostic system AM/FM radio and cassette

· Radio remote switch

### **Centralized monitoring**

- · LCD display Engine speed
- Clock & Error code Gauges
- Fuel level gauge Engine coolant temperature gauge Hyd. oil temperature gauge
- Warning Fuel level
- Check Engine & CPU
- Engine oil pressure Engine coolant temperature Hyd. oil temperature
- Low battery
- Air cleaner clogging Indicator
- Power max. Preheat & Engine warming-up One touch decel

Starting Aid (Air gride heater) cold Weather Door and cab locks, one key Two outside rearview mirrors Fully adjustable suspension seat with seat belt Slidable joystic, pilot-operated Console box tilting system(LH.)

Three front working lights Electric horn

Batteries (2 x 12 V x 160 AH)

Battery master switch

Removable clean out screen for Hyd. oil cooler Automatic swing brake

Removable reservoir tank

Water saparator & Fuel pre-filter, Fuel line

**Boom holding system** Arm holding system

Counterweight (6500 kg, 14330 lb) Mono boom (6.5 m, 21' 4") Arm (3.2 m, 10' 6")

Track shoes (600 mm, 23.6") Track rail guard Travel alarm

Standard and optional equipment may vary. Contact your Hyundai dealer for more information. The machine shown may vary according to International standards.

Fuel warmer

**PLEASE CONTACT** 

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All US measurment rounded off to nearest pounds or inches.

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NEW 7A SERIES

360LC-7A **CRAWLER EXCAVATOR CUMMINS QSL Engine:** 296 HP(221 kW) / 1,850 rpm Operating Weight: 36,100 ~ 37,400 kg (79,590 ~ 82,500 lb) **Bucket Capacity, SAE:** 1.15 ~ 2.32 m<sup>3</sup> (1.5 ~ 3.03 yd<sup>3</sup>)

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# **Optional Equipment**

Air-conditioner(5,000 kcal/hr, 20,000 BTU/hr) FATC (Full Automatic Temperature Control) Sun visor for cabin inside Fuel filler pump(35  $\ell$  /min, 9.2 USgpm)

Building a better future

Global Leader

Beacon lamp Safety lock valve for boom cylinder with overload warning device

Safety lock valve for arm cylinder Single acting piping kit( breaker, etc) Double acting piping kit(cramshell, etc)

Accumulator, work equipment lowerling 12 volt power supply(24V DC - 12V DC converter) Electric transducer

### CD Player Various optional Arms

- Short arm (2.50 m. 8' 2")
- Long arm (3.90 m, 12' 10") Long arm (4.30 m, 14' 1")
- Super long arm (5.10 m, 16' 9")

### Various optional Buckets(SAE heaped)

- · Standard bucket (1.62 m³, 2.12 yd³)
- Narrow bucket (1.15 m³, 1.5 yd³) Narrow bucket (1.46 m³, 1.91 yd³)
- · Light duty bucket(1.86 m³, 2.43 yd³)
- Light duty bucket(2.10 m³, 2.75 yd³) · Light duty bucket(2.32 m3, 3.03 vd3)
- Heavy duty bucket(1.62 m³, 2.12 yd³)
- Rock bucket (1.44 m³, 1.88yd³)
- Rock bucket (1.62 m³, 2.12 yd³)
- Rock bucket (1.86 m³, 2.43 yd³)

### **Cabin lights** Cabin FOPS/FOG (ISO 10262) **Cabin Roof-Cover Transparent**

- Track shoes • Triple grousers shoe (700mm, 28")
- Triple grousers shoe (750mm, 30")
  Triple grousers shoe (800mm, 32")
- · Triple grousers shoe (900mm, 36")

# Tropical kit

- Fan drive ratio (1.1:1)
- · Louver side cover (R/H)

Lower frame under cover Full track guard

Preheating system Tool kit Operator suit

### Mechanical suspension seat with heated

2006. 09 Rev 0

· Adjustable air suspension seat





# Operator's Comfort is Foremost. Wide Cab Exceeds Industry Standards.

# **Technology in Cab Design**



# **Visibility**

Even more visibility than before, for safer, more efficient operating.



# **Excellent Ventilation**

- Ventilation has been improved by the addition of the larger fresh air intake system, and by providing additional air flow throughout
- · Sliding front and side windows provide improved ventilation.
- · A large sunroof offers upward visibility and additional ventilation.



# **Comfortable Operator Environment**

- The control levers and seat can be adjusted to provide maximum operator comfort.
- · The seat is fully adjustable for optimum operating position, reducing operator fatigue.
- Console boxes slide forward and backward for improved
- · The proportional pressure controls reduce unnecessary exertion while ensuring precise operation.
- · Large windows allow excellent visibility in all directions.



# Low noise design

- The Robex 7series was designed with low operation
- · Hyundai engineering helps to keep interior and exterior noise levels
- · The cab's noise levels have been additionally reduced by improving the door seals for the cab and engine compartments.
- · An insulated diesel engine compartment with sound-damping material also reduces noise.





# **Remote Radio Control and Deluxe Cassette**







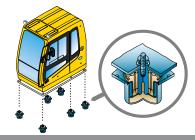
# 900x 360LC=7A



# Improved Intelligent Display

Instrument Panel is installed in front of RH console box.

It is easy to check all critical systems with easv-to-read indicators.



# **Minimization of Shock and Vibration through Cab Mounting System**

The application of Viscous Mounting to the cabin support provides the operator with a much improved ride. The operator work efficiency will



# **Maximum Protection**

# **Operating Environment**



# ▲ Storage box and Cup Holder

An Additional storage box and cup holder are located behind operator's seat, and it keeps food and beverages cool or hot.

# **◄** Wide Cab with Excellent Visibility

The cab is roomy and ergonomically designed with low noise level and good visibility. A full view front window and large rear and side windows provide excellent visibility in all directions.



Power boost One touch deceleration Right Horn/Optional



# **Easy-to-Reach Control Panels**

Switches and other essential controls are located near the operator.

This helps keep operator movement to a minimum, enhancing control with less operator fatigue.



# **Rear Emergency Exit** Window

Rear Exit Window is designed with easy exit for operator's safety.



# **Raise-up Wiper and Cabin** Lights

Raise-up wiper has enhanced for the better front view. Cabin Lights enhances safety by brightly lighting the surroundings during night work(optional)

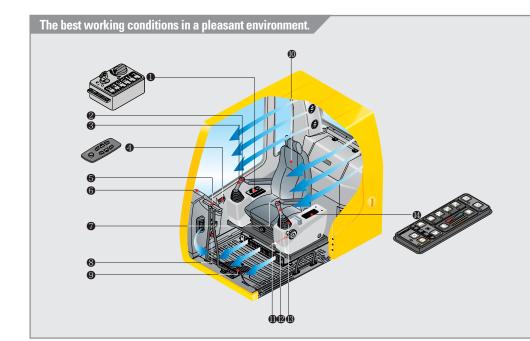


# Wide, Comfortable Operating Space

All the controls are designed and positioned according to the latest ergonomic research. Reinforced pillars have also been added for greater cab rigidity.

# **Smooth Travel Pedal and Foot Rests**





- Centralized control panel
- 2Horn button
- Option button
- ARemote Radio control
- **⑤**Travel lever
- **6**Cluster
- **7**One touch decel button
- 8 Hour meter
- Travel pedal
- Fully adjustable suspension seat
- Safety lever
- Power boost button
- **Air Conditioner and Heater controller**



# **Automatic Engine Overheat Prevention**

If the engine coolant temperature gets too high, the CPU controller lowers the engine speed and cools the engine.



# **Anti Restart System**

from re-starting during engine operation, even if the operator accidentally turns the start key again.



# Power boost control System

When the power boost system is activated, digging power increases about 10%.

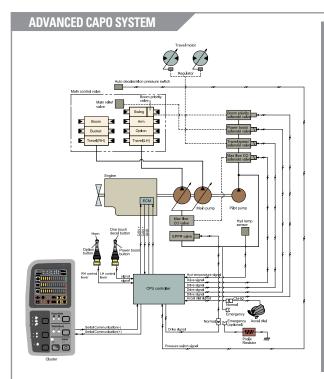
It is especially useful when extra power is temporarily needed, for instance, when digging hard earth and rock, or if the bucket teeth are stopped by a stubborn tree root.



# **Automatic Warming-up System**

After the engine is started, if the engine coolant temperature is low, the CPU controller increases the engine speed and automatically increases the pump flow rate to warm up the engine more effectively.

# **Advanced Hydraulic System**



**NEW MODE CONTROL SYSTEM** 

H mode: High power S mode: Standard power

₭ Heavy duty work
 General work
 USER MODE

U mode: Memorizing Operator's Preferable Power Setting

1 POWER MODE

M mode: Maximum Power

The advanced CAPO(Computer Aided Power Optimization) system maintains engine and mutual pump power at optimum levels. Mode selections are designed for various work loads and maintaining high performance while reducing fuel consumption.

ncluded in the system. The system monitors engine speed, coolant temperature, and sydraulic oil temperature. Contained within the system are self diagnostic capabilities which are displayed by error codes on the cluster.

# Auto Deceleration System



When remote-control valves are in neutral position more than 4 seconds, CPU controller instructs the accel actuator to reduce engine speed

to 1100rpm. This decreases fuel consumption and reduces cab noise levels.

# Max. Flow Cut-off System

For precise control and finishing work, the Max. Flow Cut-off System reduces pump flow, thus allowing smooth operation.

# **Self Diagnosis System**

The CPU controller diagnoses problems in the CAPO system caused by electric and hydraulic malfunctions and displays them on the LCD monitor of the cluster through error codes. This controller has the capacity to identify 48 distinct types of errors. As the information from this device, such as engine rpm, main pump delivery pressure, battery voltage, hyd. temperature, and the state of all types of electric switches, provides the operator with a much more exact state of machine operating condition.

This makes the machine easier to troubleshoot when anything does go wrong.

### **One Touch Decel System**

When the one touch decel switch is pressed, CPU controller controls the accel actuator to reduce engine speed to 800 rpm. And then the one touch decel switch is pressed again, the engine speed recovers

### **Pump Flow Control System**

In neutral position: Pump flow is reduced to a minimum to eliminate power loss.

In operation: Maximum pump flow is delivered to the actuator to increase the speed. With movement of the control lever, pump flow is automatically adjusted and the actuator speed can be proportionally controlled.

# **Boom & Arm Holding System**

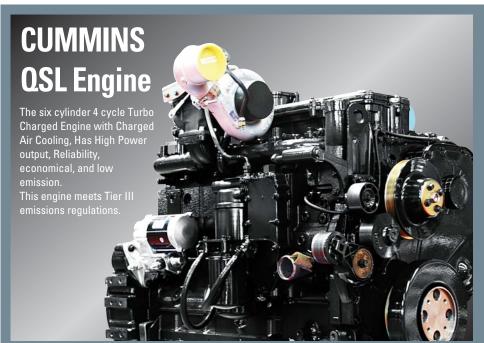
The Holding valves in the main control valve prevents the boom & arm from dropping over an extended period in neutral position.

### **Arm Flow Regeneration System**

Arm flow regeneration valve provides smooth arm-in operation without cavitation.

### **Hydraulic Damper in Travel Pedal**

Improved travel controllability & feeling by shock reducing when starting and stopping.



# Heavy-duty strength

Everyone who's ever worked on construction equipment knows, there is no substitute for power and durabilty. The QSL handles the toughest loads and the roughest work conditions. At the same time, it delivers better fuel economy, has better cold starting capability and is up to 50% quieter in operation.

Plus, the heavy-duty design of the QSL engine block and components such as articulated pistons, enhanced camshaft and roller cam followers, viscous damper and high capacity lube system add reliability and durability you can count on every day, year after year.

Both fuel-efficiency and response are significantly enhanced with Cummins high pressure common rail fuel system. The system delivers high pressure injection independent of engine speed for optimum performance and flexibility at every rpm.

# **Increased Higher Performance**



# **Strong and Stable Lower Frame**

Reinforced box-section frame is all welded, low-stress, high-strength steel.

It guarantees safety and resistance against external impact when driving on rough ground and working on wet sites through high tensile strength steel panels, with highly durable upper and lower rollers and track guards. Long undercarriage incorporates heavy duty excavator style components.

X-leg type center frame is integrally welded for maximum strength and durability.

### Track Rail Guide & Adjusters

Durable track rail guides keep track links in place. Track adjustment is made easy with standard grease cylinder track adjusters and shock absorbing springs. (Full Track Guide: Option)

# Reinforced Bucket and Bucket Linkage

Sealed and adjustable bucket linkage provides less wear of pins and bushes

as well as silent operation. The design includes bucket link durability and anti wear characteristics. Additional reinforcement plates on cutting edge section. Reinforced bucket is made with thicker steel and additional lateral plate.



# **Powerful and Preciser Swing Control**

Improved shock absorbing characteristics make stopping a precise and smooth action



# Full open doors and master key system provide easy access for servicing.

# **Reliability & Serviceability**



Side Cover with Left & Right Swing Open Type

Easy access to vital components gives unrestricted view of component allows easy maintenance and repair.



# Easy to maintain engine components

The cooling and preheating system are provided for optimum and immediate operation, guaranteeing longer life for the engine and hydraulic components.

Servicing of the engine and hydraulics is considerably simplified due to total accessibility.



Centralized Electric Control Box and Easy Change Air Cleaner Assembly Electric control box and Air cleaner are

Electric control box and Air cleaner are centralized in one or the same compartment for easy service.



**Highly efficient Hydraulic Pump**Pump output capacity has been increased.



Large tool box for extra storage



# **Specifications**



# **Engine**

	Мо	odel	Cummins QSL		
Туре			Water cooled, 4 cycle Diesel, 6-Cylinders in line, direct injection, turbocharged, charger air coolerd low emission		
Rated	SAE	J1995 (gross)	296 HP (221 kW) at 1,850 rpm		
flywheel	SAL	J1349 (net)	271 HP (202 kW) at 1,850 rpm		
horse	DIN	6271/1 (gross)	300 PS (221 kW) at 1,850 rpm		
power		6271/1 (net)	275 PS (202 kW) at 1,850 rpm		
	Max. to	orque	138.3 kgf·m(1000 lbf·ft) at 1,400 rpm		
	Bore x	stroke	114 x 144.5 mm (4.5" x 5.3")		
	Piston		8,900 cc (540 cu in)		
Batteries			2 x 12 V x 160 AH		
Starting motor			24 V, 7.5kW		
	Alterna	ntor	24V, 50 Amp		



# **Hydraulic system**

Main pump				
Туре		Two variable displacement piston pumps		
Max. flow		$2\!\times\!288~\ell$ /min (76.6 US gpm / 63.8 UK gpm)		
Sub-pump for pilot circ	cuit	Gear pump		
Cross-sensing and fue	I saving p	ump system		
Hydraulic motors				
Travel		Two speed axial piston motor with brake valve and parking brake		
Swing		Axial piston motor with automatic brake		
Relief valve setting				
Implement circuits		330 kgf/cm² (4,690 psi)		
Travel		360 kgf/cm² (4,765 psi)		
Power boost (boom, arm	n, bucket)	360 kgf/cm² (5,120 psi)		
Swing circuit		360 kgf/cm² (4,765 psi)		
Pilot circuit		35 kgf/cm² (500 psi)		
Service valve		Installed		
Hydraulic cylinders				
No of outlinday	Boom:	2-160×110×1,500 mm (6.3"×4.2"×59.1")		
No. of cylinder- bore x rod x stroke	Arm:	1-170 $\times$ 120 $\times$ 1,760 mm (6.7" $\times$ 4.7" $\times$ 69.3")		
SOLO AL COL A OLI ONO	Bucket:	1-150×105×1,295 mm (5.9"×4.1"×51.0")		



# **Drives & Brakes**

Drive method	Fully hydrostatic type
Drive motor	Axial piston motor, in-shoe design
Reduction system	Planetary reduction gear
Max. drawbar pull	31,000 kgf (68,350 lbf)
Max. travel speed(high) / (low)	4.8 km/hr (2.8 mph) / 3.0 km/hr (2.0 mph)
Gradeability	35° (70 %)
Parking brake	Multi wet disc



# **L** Control

Pilot pressure operated joysticks and pedals with detachable lever provide almost effortless and fatigueless operation.

Pilot control	Two joysticks with one safety lever (LH): Swing and arm, (RH): Boom and bucket(ISO)
Traveling and steering	Two levers with pedals
Engine throttle	Electric, Dial type
External lights	Two lights mounted on the boom one under the battery box

# **Swing system**

Swing motor	Axial piston motor
Swing reduction	Planetary gear reduction
Swing circuit lubrication	Grease-bathed
Swing brake	Multi wet disc
Swing speed	9.0 rpm



# **Coolant & Lubricant capacity**

(refilling)	liter	US gal	UK gal
Fuel tank	520	137.4	114.4
Engine coolant	45.0	11.9	9.9
Engine oil	31.7	8.4	7.0
Swing device	8.0	1.6	1.3
Final drive(each)	5.5	1.8	1.5
Hydraulic system	380	100.4	83.6
Hydraulic tank	230	60.8	50.6



# Undercarriage

X-leg type center frame is integrally welded with reinforced boxsection track frames. The undercarriage includes lubricate rollers, idlers, track adjusters with shock absorbing spring and sprockets, and track chain with double or triple grouser shoes.

,	,
Center frame	X - leg type
Track frame	Pentagonal box type
No. of shoes on each side	51
No. of carrier roller on each side	2
No. of track roller on each side	9
No. of track guard on each side	2



# **Operating weight (approximate)**

Operating weight, including 6,500m (21' 4") boom, 3,200 m (10' 6") arm, SAE heaped 1.62 m³ (2.12 yd³) backhoebucket, lubricant, coolant.

Major component weight	
Upperstructure	8,500 kg (18,740 lb)
Counterweight	6,500 kg (14,330 lb)
Boom (with arm cylinder)	3,780 kg (8,330 lb)

### **Operating weight**

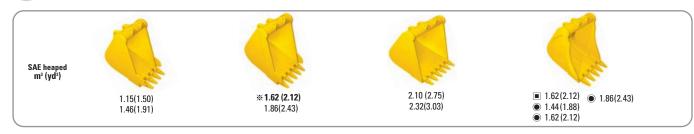
Shoes(Triple grouser) mm(in)	Operating weight kg(lb)	<b>Ground pressure</b> kgf/cm²(psi)
<b>% 600(24)</b>	36,100(79,590)	0.64(9.10)
700(28)	36,500(80,600)	0.56(7.96)
750(30)	36,725(81,000)	0.52(7.39)
800(32)	36,950(81,500)	0.49(6.97)
900(36)	37,400(82,500)	0.44(6.26)

**<sup>\*</sup> Standard equipment** 

# **Backhoe attachment**



# **Buckets**



Canacity	Capacity m³ (yd³)		Width mm (in)		Recommendation mm(ft.in)						
Capacit	oupuoity iii (yu /		vvidai iiiii (iii)		Boom		<b>※ 6,500 (21′ 4″)</b>			6,150 (20' 2") 8,600 (28' 3")	
SAE heaped	CECE heaped	Without side cutters	With side cutters	Weight kg(lb)	Arm	2,500 (8′ 2″)	※ 3,200 (10′ 6″)	3,900 (12′ 10″)	4,300 (14′ 1″)	2,500 (8′ 2″)	5,100 (16′ 9″)
1.15(1.50)	1.00(1.31)	1,090(42.9)	1,220(48.0)	1,030(2,270)		•	•	•	•	•	<b>A</b>
1.46(1.91)	1.27(1.66)	1,380(54.3)	1,510(59.4)	1,170(2,580)		•	•	•	-	•	•
<b>※ 1.62(2.12)</b>	1.40(1.83)	1,440(56.7)	1,570(61.8)	1,280(2,820)		•	•		-	•	_
1.86(2.43)	1.60(2.1)	1,620(63.8)	1,750(68.9)	1,390(3,060)		•	•		•	•	-
2.10(2.75)	1.80(2.4)	1,810(71.3)	1,940(76.4)	1,520(3,350)			-	•	_	•	_
2.32(3.03)	2.00(2.62)	1,990(78.3)	2,120(83.5)	1,760(3,880)		<b>A</b>	•	•	_		-
■ 1.62(2.12)	1.40(1.83)	1,540(60.6)	-	1,570(3,460)		•	-	•	•	•	-
<ul><li>1.44(1.88)</li></ul>	1.27(1.66)	1280(50.4)	-	1,565(3,450)		•	•		•	•	_
<ul><li>1.62(2.12)</li></ul>	1.40(1.83)	1,545(60.8)	-	1,610(3,550)		•	-	<b>A</b>	•	•	_
<ul><li>1.86(2.43)</li></ul>	1.60(2.1)	1,725(67.9)	-	1,710(3,770)		-	•	-	_	-	_

- \*: Standard backhoe bucket
- Rock bucket-Heavy duty

- $\bullet$ : Applicable for materials with density of 2,000 kg / m³ (3,370 lb/ yd³) or less  $\blacksquare$ : Applicable for materials with density of 1,600 kg / m³ (2,700 lb/ yd³) or less
- A: Applicable for materials with density of 1,100 kg/m³ (1,850 lb/yd³) or less



# **Backhoe attachmet**

Boom and arms are of all-welded, low-stress, full-box section design. 6,500mm(21' 4") 6,150mm(20'2"), 8,600(28'3")boom and 2,500mm(8' 2"), 3,200mm(6' 7"), 3,900mm(12' 10"), 4,300mm(14'1") 5,100mm(16'9")arms are available. Buckets are all-welded, high-strength steel implements.



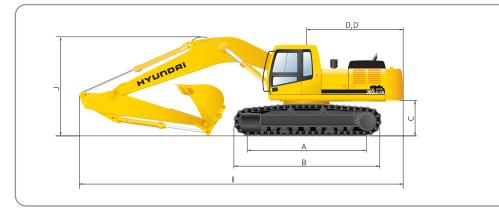


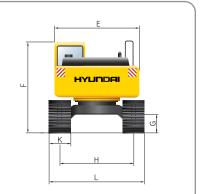
Arm	Length	mm(ft.in)	2,500 (8′ 2″)	<b>※ 3,200 (10′ 6″)</b>	3,900 (12′ 10″)	4,300 (14′ 1″)	Domank
Wei	Weight	kg(lb)	1,930 (4,260)	1,960 (4,320)	2,170 (4,780)	2,290 (5,050)	– Remark
Bucket	SAE	kN kgf Ibf	201.0 [219.3] 20500 [22360] 45190[49300]	201.0 [219.3] 20500 [22360] 45190 [49300]	201.0 [219.3] 20500 [22360] 45190 [49300]	201.0 [219.3] 20500 [22360] 45190 [49300]	
digging force	g kN	228.5 [249.3] 23300 [25420] 51370 [56040]	[ ]:				
Arm	SAE	kN kgf Ibf	184.4 [201.1] 18800 [20510] 41450 [45220]	152.0 [165.8] 15500 [16910] 34170 [37280]	135.3 [147.6] 13800 [15050] 30420 [33190]	124.5 [135.9] 12700 [13850] 28000 [30550]	Power Boost
crowd force	ISO	kN kgf Ibf	192.2 [209.7] 19600 [21380] 43210 [47140]	156.9 [171.2] 16000 [17450] 35270 [38480]	139.3 [151.9] 14200 [15490] 31310 [34160]	128.5 [140.1] 13100 [14290] 28880 [31510]	

Note: Arm weight including bucket cylinder and linkage.

# **Dimensions & Working ranges**

# **Dimensions**





mm (ft · in)

A	Tumbler distance	4,340 (14 '3")
В	Overall length of crawler	5,280 (17′ 4″)
C	Ground clearance of counterweight	1,290 (4′ 3″)
D	Tail swing radius	3,415 (11′ 2″)
D'	Rear-end length	3,350 (11′ 0″)
E	Overall width of upperstructure	2,980 (9′ 9″)
F	Overall height of cab	3,175 (10′ 5″)
G	Min. ground clearance	550 (1′10″)
Н	Track gauge	2,740 (9′ 0″)

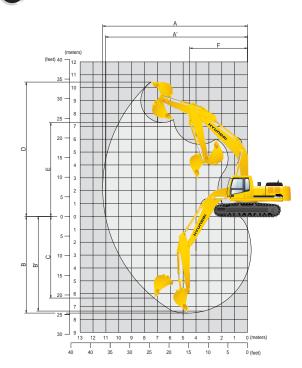
mm (ft  $\cdot$  in)

	Boom length		<b>% 6,500</b>	(21′ 4″)		6,150 (20′ 2″)	8,600 (28' 3")
	Arm length	2,500 (8′ 2″)	% 3,200 (10′ 6″)	3,900 (12′ 10″)	4,300 (14′ 1″)	2,500 (8′ 2″)	5,100 (16′ 9″)
	Overall length	11,240 (36′ 11″)	11,120 (36′ 6″)	11,070 (36′ 4″)	11,050 (36′ 3″)	10,880 (35′ 8″)	13,070 (42′ 11″)
J	Overall height of boom	3,700 (12′ 2″)	3,440 (11′ 3″)	3,870 (12′ 8″)	4,270 (14′ 0″)	3,830 (12′ 7″)	4,830 (15' 10")

K	Track shoe width	% 600 (24")	700 (28")	750 (30")	800 (32")	900 (36")
L	Overall width	3,340 (10′ 11″)	3,440 (11′ 3″)	3,490 (11′ 5″)	3,540 (11′ 7″)	3,640 (11′ 11″)

**<sup>\*</sup>** Standard Equipment

# **Working ranges**



mm	/f+	ir

	Boom length		<b>% 6,500</b>	(21′ 4″)		6,150 (20′ 2″)	8,600 (28′ 3″)
	Arm length	2,500 (8′ 2″)	※ 3,200 (10′ 6″)	3,900 (12′ 10″)	4,300 (14′ 1″)	2,500 (8′ 2″)	5,100 (16′ 9″)
A	Max. digging reach	10,720 (35′ 2″)	11,250 (36′ 11″)	11,870 (38' 11")	12,380 (39' 12")	10,330 (33' 11")	15,300 (50′ 2″)
A'	Max. digging reach on ground	10,490 (34′ 5″)	11,000 (36′ 1″)	11,670 (38′ 3″)	12,180 (40′ 0″)	10,100 (33′ 2″)	15,120 (49′ 7″)
В	Max. digging depth	6,800 (22′ 4″)	7,500 (24′ 7″)	8,200 (26′ 11″)	8,600 (28′ 3″)	6,440 (21′ 2″)	11,210 (36′ 9″)
B'	Max. digging depth (8' level)	6,620 (21′ 9″)	7,350 (24′ 1″)	8,070 (26′ 6″)	8,480 (27′ 10″)	6,260 (20′ 6″)	11,100 (36′ 5″)
С	Max. vertical wall digging depth	5,940 (19′ 6″)	6,340 (20′ 10″)	7,040 (23′ 1″)	7,550 (24′ 9″)	5,500 (18′ 1″)	10,070 (33′ 0″)
D	Max. digging height	10,470 (34′ 4″)	10,430 (34′ 3″)	10,650 (34′ 11″)	11,210 (36′ 9″)	10,200 (33′ 6″)	13,160 (43′ 2″)
E	Max. dumping height	7,270 (23′ 10″)	7,290 (23′ 11″)	7,510 (24′ 8″)	8,030 (26′ 4″)	7,020 (23′ 0″)	9,990 (32′ 9″)
F	Min. swing radius	4,630 (14′ 2″)	4,560 (14′ 12″)	4,550 (14′ 11″)	4,570 (14′ 12″)	4,320 (14′ 2″)	6,040 (19' 10")

**\* Standard Equipment** 

# **Lifting Capacities**



Rating over-front Rating over-side or 360 degree
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• Boom: 6.15m (20' 2") • Arm: 2.5 m (8' 2") • Bucket: 1.62 m³ (2.12 yd³) SAE heaped • Shoe: 600mm(24") triple grouser with 6,500kg (14,330 lb) CW

					Load	radius					At max. reach	
Load point		3.0 m(	10.0 ft)	4.5 m(	15.0 ft)	6.0 m(	20.0 ft)	7.5 m(	25.0 ft)	Сар	acity	Reach
height m(ft)		r r		ď.								m (ft)
9.0 m <b>30.0 ft</b>	kg Ib		 				 			*7640 *16840	*7640 *16840	6.65 (21.8)
7.5 m <b>25.0 ft</b>	kg Ib		l I		 		 		l I	*7520 *16580	5970 13160	8.02 (26.3)
6.0 m <b>20.0 ft</b>	kg Ib		 		 	*8660 *19090	*8660 *19090	*6540 *14420	6530 14400	*7580 *16710	4800 10580	8.88 (29.1)
4.5 m <b>15.0 ft</b>	kg Ib	*18380 <b>*40520</b>	*18380 * <b>40520</b>	*12260 <b>*27030</b>	*12260 *27030	*9890 *21800	9350 20610	*8740 *19270	6330 13960	7200 15870	4190 9240	9.38 (30.8)
3.0 m <b>10.0 ft</b>	kg Ib		 	*15570 <b>*34330</b>	13710 30230	*11460 *25260	8720 19220	*9500 *20940	6030 13290	6790 14970	3890 8580	9.58 (31.4)
1.5 m <b>5.0 ft</b>	kg Ib		 	*18030 <b>*39750</b>	12630 27840	*12850 *28330	8150 17970	10010 22070	5730 12630	6750 14880	3830 8440	9.52 (31.2)
Ground Line	kg Ib	*13370 <b>*29480</b>	*13370 * <b>29480</b>	*18930 <b>*41730</b>	12120 26720	*13670 *30140	7770 17130	9760 21520	5500 12130	7090 15630	4010 8840	9.19 (30.2)
-1.5 m <b>-5.0 ft</b>	kg Ib	*20990 <b>*46270</b>	*20990 <b>*46270</b>	*18580 <b>*40960</b>	11990 26430	*13710 *30230	7610 16780	9650 21270	5410 11930	7990 17610	4540 10010	8.53 (28.0)
-3.0 m <b>-10.0 ft</b>	kg Ib	*23670 <b>*52180</b>	*23670 <b>*52180</b>	*17040 <b>*37570</b>	12100 26680	*12670 *27930	7650 16870			*8470 *18670	5730 12630	7.47 (24.5)
-4.5 m <b>-15.0 ft</b>	kg lb	*18590 <b>*40980</b>	*18590 <b>*40980</b>	*13590 <b>*29960</b>	12520 27600		 		 		 	

					Load ı	radius					At max. reach	
Load point		3.0 m(	10.0 ft)	4.5 m(	15.0 ft)	6.0 m(	20.0 ft)	7.5 m(	25.0 ft)	Cap	acity	Reach
height m(ft)												m (ft)
9.0 m <b>30.0 ft</b>	kg Ib		l I							*6900 *15210	*6900 *15210	7.22 (23.7)
7.5 m <b>25.0 ft</b>	kg Ib		l I							*6870 *15150	5190 11440	8.49 (27.9)
6.0 m <b>20.0 ft</b>	kg Ib					*8050 *17750	*8050 *17750	*7580 *16710	6370 14040	*6970 *15370	4240 9350	9.29 (30.5)
4.5 m <b>15.0 ft</b>	kg Ib		l I	*11980 *26410	*11980 *26410	*9400 *20720	8990 19820	*8180 *18030	6110 13470	6550 14440	3720 8200	9.77 (32.1)
3.0 m <b>10.0 ft</b>	kg Ib			*15410 *33970	12960 28570	*11030 *24320	8330 18360	*9020 *19890	5790 12760	6210 13690	3470 7650	9.97 (32.7)
1.5 m <b>5.0 ft</b>	kg Ib		 	*17780 *39200	12000 26460	*12460 *27470	7780 17150	9750 21500	5490 12100	6180 13620	3430 7560	9.91 (32.5)
Ground Line	kg Ib			*18570 *40940	11650 25680	*13320 *29370	7450 16420	9520 20990	5280 11640	6490 14310	3610 7960	9.59
-1.5 m - <b>5.0 ft</b>	kg Ib	*17800 *39240	*17800 *39240	*18280 *40300	11630 25640	*13480 *29720	7340 16180	9440 20810	5210 11490	7260 16010	4070 8970	8.97 (29.4)
-3.0 m - <b>10.0 ft</b>	kg Ib	*23550 *51920	*23550 *51920	*17040 *37570	11830 26080	*12770 *28150	7430 16380	,,,,,,		*8130 *17920	5070 11180	7.97
-4.5 m <b>-15.0 ft</b>	kg Ib	*19520 *43030	*19520 *43030	*14370 *31680	12280 27070	_3.00				*7460 *16450	*7460 *16450	6.39

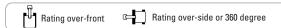
• Boom: 6.5m (21' 4") • Arm: 3.2 m (10' 6") • Bucket: 1.62 m³ (2.12 vd³) SAE heaped • Shoe: 600mm(24") triple grouser with 6.500kg (14.330 lb) CW

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							Load	l radius							At max. re	ach
Load point		1.5 m	(5.0 ft)	3.0 m(	10.0 ft)	4.5 m(	15.0 ft)	6.0 m(	20.0 ft)	7.5 m(	25.0 ft)	9.0m(	30.0 ft)	Capa	acity	Reach
height m(ft)													<b>4</b>			m (ft)
9.0 m <b>30.0 ft</b>	kg lb		l I		l I		l I						!	*6020 *13270	*6020 *13270	7.97 (26.1)
7.5 m <b>25.0 ft</b>	kg Ib		i		i i		l I			*4590 *10120	*4590 *10120			*6110 *13470	4650 10250	9.12 (29.9)
6.0 m <b>20.0 ft</b>	kg Ib				 		 			*6710 *14790	6590 14530			*6140 *13540	3860 8510	9.87 (32.4)
4.5 m <b>15.0 ft</b>	kg lb		l I		l I		l I	*8350 *18410	*8350 *18410	*7420 *16360	6290 13870	*4490 *9900	4440 9790	6020 13270	3410 7520	10.32 (33.9)
3.0 m <b>10.0 ft</b>	kg Ib				l I	*13690 *30180	13640 30070	*10100 *22270	8600 18960	*8370 *18450	5930 13070	*6400 *14110	4260 9390	5710 12590	3180 7010	10.5 (34.4)
1.5 m <b>5.0 ft</b>	kg Ib				1	*16650 *36710	12420 27380	*11760 *25930	7980 17590	*9330 *20570	5590 12320	7260 16010	4080 8990	5670 12500	3120 6880	10.45 (34.3)
Ground Line	kg Ib			*13060 *28790	*13060 *28790	*18210 *40150	11800 26010	*12930 *28510	7540 16620	9560 21080	5320 11730	7100 15650	3930 8660	5900 13010	3240 7140	10.14 (33.3)
-1.5 m - <b>5.0 ft</b>	kg Ib	*13680 *30160	*13680 *30160	*17490 *38560	*17490 *38560	*18550 *40900	11600 25570	*13460 *29670	7330 16160	9400 20720	5170 11400			6480 14290	3590 7910	9.57 (31.4)
-3.0 m <b>-10.0 ft</b>	kg Ib	*17850 *39350	*17850 *39350	*22770 *50200	*22770 *50200	*17870 *39400	11660 25710	*13210 *29120	7310 16120	9400 20720	5180 11420			7700 16980	4320 9520	8.65 (28.4)
-4.5 m <b>-15.0 ft</b>	kg Ib	*22570 *49760	*22570 *49760	*22590 *49800	*22590 *49800	*16000 *35270	11960 26370	*11870 *26170	7510 16560		120		1	*8000 *17640	5980 13180	7.25 (23.8)
-6.0 m <b>-20.0 ft</b>	kg Ib	13700		1.5000		*11900 *26230	*11900 *26230									,,

Lifting capacity is based on SAE J1097, ISO 10567.
 Lifting capacity of the Robex Series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.

3. The load point is a hook (standard equipment) located on the back of the bucket. 4. (\*) indicates load limited by hydraulic capacity.





• Boom: 6.5m (21'4") • Arm: 3.9 m (12'10") • Bucket: 1.62 m³ (2.12 vd³) SAE heaped • Shoe: 600mm(24") triple grouser with 6.500kg (14.330 lb) CW

• BUUIII . 0.3III (21 4	/ · Al	111 . 3.3 111 (	12 10 / •	Ducket.	.02 111 (2.12	yu / JAL			//////////////////////////////////////	ripie grous	oei willi o,	100Kg (14,5	30 10/ 644			
Landon date							Loa	l radius							At max. re	ach
Load point		1.5 m	(5.0 ft)	3.0 m(	10.0 ft)	4.5 m(	15.0 ft)	6.0 m(	20.0 ft)	7.5 m(	25.0 ft)	9.0m(3	30.0 ft)	Cap	acity	Reach
height m(ft)			<b>4</b>													m (ft)
9.0 m <b>30.0 ft</b>	kg Ib		 		 		 						 	*5290 *11660	5130 11310	8.81 (28.9)
7.5 m <b>25.0 ft</b>	kg Ib		i I		i								i I	*5420 *11950	4000 8820	9.85 (32.3)
6.0 m <b>20.0 ft</b>	kg Ib				 		 			*5890 *12990	*5890 *12990	*3660 *8070	*3660 *8070	*5590 *12320	3360 7410	10.54 (34.6)
4.5 m <b>15.0 ft</b>	kg lb									*6660 *14680	6330 13960	*5450 *12020	9790	5380 11860	2980 6570	10.95 (35.9)
3.0 m <b>10.0 ft</b>	kg lb		<u> </u>	*19900 *43870	*19900 *43870	*12040 *26540	*12040 *26540	*9120 *20110	8690 19160	*7660 *16890	5930 13070	*6860 *15120	4230 9330	5120 11290	2780 6130	11.13 (36.5)
1.5 m <b>5.0 ft</b>	kg Ib			*12660 *27910	*12660 *27910	*15330 *33800	12590 27760	*10910 *24050	7990 17610	*8710 *19200	5540 12210	7200 15870	4000 8820	5060 11160	2720 6000	11.07 (36.3)
Ground Line	kg Ib		1	*13680 *30160	*13680 *30160	*17420 *38400	11750 25900	*12310 *27140	7470 16470	9470 20880	5220 11510	6990 15410	3820 8420	5230 11530	2800 6170	10.79 (35.4)
-1.5 m <b>-5.0 ft</b>	kg lb	*12590 *27760	*12590 *27760	*16830 *37100	*16830 *37100	*18250 *40230	11390 25110	*13100 *28880	7170 15810	9240 20370	5020 11070	6870 15150	3710 8180	5670 12500	3060 6750	10.26 (33.7)
-3.0 m <b>-10.0 ft</b>	kg lb	*16200 *35710	*16200 *35710	*21040 *46390	*21040 *46390	*18030 *39750	11340 25000	*13170 *29030	7080 15610	9170 20220	4960 10930		 	6560 14460	3600 7940	9.42 (30.9)
-4.5 m <b>-15.0 ft</b>	kg lb	*20270 *44690	*20270 *44690	*24240 *53440	*24240 *53440	*16700 *36820	11540 25440	*12330 *27180	7180 15830	*9270 *20440	5080 11200		 	*7640 *16840	4710 10380	8.17 (26.8)
-6.0 m <b>-20.0 ft</b>	kg Ib			*19460 *42900	*19460 *42900	*13690 *30180	12040 26540						1 			

• Boom: 6.5m (21' 4") • Arm: 4.3 m (14' 1") • Bucket: 1.62 m³ (2.12 vd³) SAE heaped • Shoe: 600mm(24") triple grouser with 6.500kg (14.330 lb) CW

• Boom : 6.5m (21° 4°)	• Ar	m: 4.3 m	(14 1 )	<ul> <li>Bucket</li> </ul>	: 1.62 m°	(2.12 ya°)	SAE neal	pea • <b>Sr</b>	10e : 600n	nm(24 ) t	ripie grou	ser with t	o,buukg (T	4,330 ID)	CVV			
Landonius								Load	radius							At	max. rea	ch
Load point		1.5 m	(5.0 ft)	3.0 m(	10.0 ft)	4.5 m(	15.0 ft)	6.0 m(	20.0 ft)	7.5 m(	25.0 ft)	9.0m(3	30.0 ft)	10.5m	35.0 ft)	Сар	acity	Reach
height m(ft)		r T				r <sup>1</sup>		r <sup>1</sup>			<b>-</b>	r <sup>T</sup>			<b>-</b>			m (ft)
9.0 m <b>30.0 ft</b>	kg Ib						 		 		 		 		 	*5050 *11130	4420 9740	9.45 (31.0)
7.5 m <b>25.0 ft</b>	kg Ib						I I		l I		i	*2740 *6040	*2740 *6040		i I	*4810 *10600	3510 7740	10.42 (34.2)
6.0 m <b>20.0 ft</b>	kg lb						 		 			*4460 *9830	*4460 *9830			*4700 *10360	2980 6570	11.07 (36.3)
4.5 m <b>15.0 ft</b>	kg Ib			*47000	*47000	*****	*****	*0.440	*****	*6110 *13470	*6110 *13470	*5620 *12390	9900 4490	*****	******	*4730 *10430	2650 5840	11.46 (37.6)
3.0 m <b>10.0 ft</b>	kg Ib			*17000 *37480	*17000 *37480	*10840 *23900	*10840 *23900	*8410 *18540	*8410 *18540	*7160 *15790	6000 13230	*6460 *14240	4250 9370	*2660 *5860	*2660 *5860	4680 10320	2480 5470	11.63 (38.2)
1.5 m <b>5.0 ft</b>	kg Ib			*13680 *30160	*13680 *30160	*14340 *31610	12850 28330	*10300 *22710	8090 17840	*8270 *18230	5580 12300	*7120 *15700	4000 8820	*2990 *6590	2920 6440	4630 10210	2430 5360	11.58 (38.0)
Ground Line	kg lb	×44000	*44000	*13030 *28730	*13030 *28730	*16790 *37020	11840 26100	*11850 *26120	7500 16530	*9250 *20390	5220 11510	6970 15370	3790 8360			4770 10520	2500 5510	11.31 (37.1)
-1.5 m - <b>5.0 ft</b>	kg lb	*11080 *24430	*11080 *24430	*15420 *34000	*15420 *34000	*17980 *39640	11350 25020	*12820 *28260	7140 15740	9210 20300	4980 10980	6810 15010	3650 8050		i I	5140 11330	2710 5970	(35.5)
-3.0 m <b>-10.0 ft</b>	kg Ib	*14380 *31700	*14380 *31700	*19060 *42020	*19060 *42020	*18090 *39880	11210 24710	*13120 *28920	6990 15410	9090 20040	4870 10740	*6650 *14660	3610 7960		 	5870 12940	3160 6970	10.02 (32.9)
-4.5 m <b>-15.0 ft</b>	kg lb	*18170 *40060	*18170 *40060	*24050 *53020	*24050 *53020	*17140 *37790	11340 25000	*12590 *27760	7040 15520	9150 20170	4930 10870		 		 	*6970 *15370	4020 8860	8.87 (29.1)
-6.0 m <b>-20.0 ft</b>	kg lb	*22830 *50330	*22830 *50330	*21250 *46850	*21250 *46850	*14730 *32470	11750 25900	*10720 *23630	7330 16160				 		 	*6830 *15060	6040 13320	7.15 (23.5)

• Boom: 6.5m (21' 4") • Arm: 3.2 m (10' 6") • Bucket: 1.62 m³ (2.12 yd³) SAE heaped • Shoe: 800mm(31.5") triple grouser with 6,500kg (14,330 lb) CW

							Loa	d radius							At max. re	ach
Load point		1.5 m	(5.0 ft)	3.0 m(	10.0 ft)	4.5 m(	15.0 ft)	6.0 m(	20.0 ft)	7.5 m(	25.0 ft)	9.0m(	30.0 ft)	Capa	acity	Reach
height m(ft)		l l	<b>4</b>		<b>4</b>		<b>4</b>				<b>-</b>	r r				m (ft)
9.0 m <b>30.0 ft</b>	kg Ib		I I		I I		I I		 				 	*6020 *13270	*6020 *13270	7.97 (26.1)
7.5 m	kg		1							*4590	*4590			*6110	4780	9.12
25.0 ft	lb		1		1		1			*10120 *6710	*10120 *6710		1	*13470 *6140	10540 3970	(29.9) 9.87
6.0 m <b>20.0 ft</b>	kg lb				1		1			*14790	*14790		I .	*13540	8750	(32.4)
4.5 m	kg							*8350	*8350	*7420	6460	*4490	*4490	6200	3520	10.32
15.0 ft	lb					V		*18410	*18410	*16360	14240	*9900	*9900	13670	7760	(33.9)
3.0 m	kg		i		i	*13690	*13690	*10100	8820	*8370	6100	*6400	4390	5890	3290	10.5
10.0 ft	lb					*30180	*30180	*22270	19440	*18450	13450	*14110	9680	12990	7250	(34.4)
1.5 m	kg				1	*16650	12750	*11760	8190	*9330	5750	7470	4210	5850	3240	10.45
5.0 ft	lb		i	V		*36710	28110	*25930	18060	*20570	12680	16470	9280	12900	7140	(34.3)
Ground	kg			*13060	*13060	*18210	12130	*12930	7760	9840	5480	*7120	4060	6080	3360	10.14
Line	lb	*10000	*10000	*28790	*28790	*40150	26740	*28510	17110	21690	12080	*15700	8950	13400	7410	(33.3)
-1.5 m	kg	*13680	*13680	*17490	*17490	*18550	11930	*13460	7550	9670	5340		i	6680	3710	9.57
-5.0 ft	lb	*30160	*30160	*38560	*38560	*40900	26300	*29670	16640	21320	11770			14730	8180	(31.4)
-3.0 m	kg	*17850	*17850	*22770	*22770	*17870	11990	*13210	7530	9670	5340			7930	4460	8.65
-10.0 ft	lb	*39350	*39350	*50200	*50200	*39400	26430	*29120	16600	21320	11770			17480	9830	(28.4) 7.25
-4.5 m	kg	*22570	*22570	*22590	*22590	*16000	12290	*11870 *26170	7730				Į.	*8000	6150	
-15.0 ft	lb	*49760	*49760	*49800	*49800	*35270	27090	"Z01/U	17040				1	*17640	13560	(23.8)
-6.0 m <b>-20.0 ft</b>	kg lb		i		i	*11900 *26230	*11900 *26230		i				i			
-20.0 II	ID					20230	20230									

Lifting capacity is based on SAE J1097, ISO 10567.
 Lifting capacity of the Robex Series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.

3. The load point is a hook (standard equipment) located on the back of the bucket. 4. (\*) indicates load limited by hydraulic capacity.

# **Lifting Capacities**



Rating over-front Rating over-side or 360 degree
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• Boom: 6.5m (21' 4") • Arm: 3.9 m (12' 10") • Bucket: 1.62 m³ (2.12 yd³) SAE heaped • Shoe: 800mm(31.5") triple grouser with 6,500kg (14,330 lb) CW

Landon sint	Load point height m(ft)			At max. reach												
			(5.0 ft)	3.0 m(10.0 ft)		4.5 m(	15.0 ft)	6.0 m(20.0 ft)		7.5 m(25.0 ft)		9.0m(30.0 ft)		Capacity		Reach
														r T		m (ft)
9.0 m <b>30.0 ft</b>	kg Ib		 		l I		l I		l I		l I		l I	*5290 *11660	5260 11600	8.81 (28.9)
7.5 m <b>25.0 ft</b>	kg Ib				   						 		 	*5420 *11950	4120 9080	9.85
6.0 m <b>20.0 ft</b>	kg Ib		 		 		 		 	*5890 *12990	*5890 *12990	*3660 *8070	*3660 *8070	*5590 *12320	3470 7650	10.54 (34.6)
4.5 m <b>15.0 ft</b>	kg Ib		 		 		 		 	*6660 *14680	6500 14330	*5450 *12020	4580 10100	5550 12240	3090 6810	10.95 (35.9)
3.0 m <b>10.0 ft</b>	kg Ib		! 	*19900 *43870	*19900 *43870	*12040 *26540	*12040 *26540	*9120 *20110	8910 19640	*7660 *16890	6100 13450	*6860 *15120	4360 9610	5280 11640	2880 6350	11.13 (36.5)
1.5 m <b>5.0 ft</b>	kg Ib		 	*12660 *27910	*12660 *27910	*15330 *33800	12920 28480	*10910 *24050	8210 18100	*8710 *19200	5700 12570	7410 16340	4140 9130	5230 11530	2820 6220	11.07 (36.3)
Ground Line	kg Ib			*13680 *30160	*13680 *30160	*17420 *38400	12070 26610	*12310 *27140	7680 16930	*9600 *21160	5380 11860	7200 15870	3950 8710	5400 11900	2910 6420	10.79 (35.4)
-1.5 m - <b>5.0 ft</b>	kg Ib	*12590 *27760	*12590 *27760	*16830 *37100	*16830 *37100	*18250 *40230	11710 25820	*13100 *28880	7390 16290	9520 20990	5180 11420	7080 15610	3840 8470	5850 12900	3170 6990	10.26 (33.7)
-3.0 m <b>-10.0 ft</b>	kg Ib	*16200 *35710	*16200 *35710	*21040 *46390	*21040 *46390	*18030 *39750	11670 25730	*13170 *29030	7290 16070	9450 20830	5120 11290		 	6770 14930	3720 8200	9.42 (30.9)
-4.5 m <b>-15.0 ft</b>	kg Ib	*20270 *44690	*20270 *44690	*24240 *53440	*24240 *53440	*16700 *36820	11870 26170	*12330 *27180	7400 16310	*9270 *20440	5250 11570		 	*7640 *16840	4860 10710	8.17 (26.8)
-6.0 m <b>-20.0 ft</b>	kg Ib			*19460 *42900	*19460 *42900	*13690 *30180	12360 27250				 				 	

• Boom: 6.5m (21' 4") • Arm: 4.3 m (14' 1") • Bucket: 1.62 m³ (2.12 yd³) SAE heaped • Shoe: 800mm(31.5") triple grouser with 6,500kg (14,330 lb) CW

			Load radius															ıch
Load point		1.5 m	1.5 m(5.0 ft)		3.0 m(10.0 ft)		4.5 m(15.0 ft)		20.0 ft)	7.5 m(25.0 ft)		9.0m(30.0 ft)		10.5m(35.0 ft)		Capacity		Reach
height m(ft)																		m (ft)
9.0 m <b>30.0 ft</b>	kg Ib						 		 		l I		I I		 	*5050 *11130	4540 10010	9.45 (31.0)
7.5 m <b>25.0 ft</b>	kg Ib						 		 			*2740 *6040	*2740 *6040			*4810 *10600	3620 7980	10.42 (34.2)
6.0 m <b>20.0 ft</b>	kg Ib											*4460 *9830	*4460 *9830		!	*4700 *10360	3080 6790	11.07 (36.3)
4.5 m <b>15.0 ft</b>	kg Ib		 		 		   		   	*6110 *13470	*6110 *13470	*5620 *12390	4620 10190			*4730 *10430	2750 6060	11.46
3.0 m 10.0 ft	kg Ib			*17000 *37480	*17000 *37480	*10840 *23900	*10840 *23900	*8410 *18540	*8410 *18540	*7160 *15790	6170 13600	*6460 *14240	4380 9660	*2660 *5860	*2660 *5860	4830 10650	2580 5690	11.63
1.5 m	kg		 	*13680	*13680	*14340	13180	*10300	8310	*8270	5740	*7120	4140	*2990	*2990	4790	2520	11.58
5.0 ft Ground	lb kg			*30160 *13030	*30160 *13030	*31610 *16790	29060 12170	*22710 *11850	18320 7720	*18230 *9250	12650 5380	*15700 7180	9130 3920	*6590	*6590	10560 4930	5560 2600	(38.0)
<u>Line</u> -1.5 m	lb kg	*11080	*11080	*28730 *15420	*28730 *15420	*37020 *17980	26830 11680	*26120 *12820	7360	*20390 9480	11860 5140	15830 7030	8640 3780			10870 5310	5730 2820	(37.1) 10.81
<b>-5.0 ft</b> -3.0 m	lb kg	*24430 *14380	*24430 *14380	*34000 *19060	*34000 *19060	*39640 *18090	25750 11540	*28260 *13120	16230 7210	20900 9360	11330 5040	15500 *6650	8330 3750		<u>i</u> I	11710 6050	6220 3270	(35.5) 10.02
<b>-10.0 ft</b> -4.5 m	lb kg	*31700 *18170	*31700 *18170	*42020 *24050	*42020 *24050	*39880 *17140	25440 11670	*28920 *12590	15900 7250	20640 9430	11110 5090	*14660	8270		 	13340 *6970	7210 4160	(32.9) 8.87
-15.0 ft	lb	*40060	*40060	*53020	*53020	*37790	25730	*27760	15980	20790	11220		i		i	*15370	9170	(29.1) 7.15
-6.0 m <b>-20.0 ft</b>	kg Ib	*22830 *50330	*22830 *50330	*21250 *46850	*21250 *46850	*14730 *32470	12070 26610	*10720 *23630	7550 16640		i		i		i	*6830 *15060	6220 13710	(23.5)

• Boom: 8.6m (28' 2") • Arm: 5.1 m (16' 7") • Bucket: 1.46 m³ (1.90 yd³) SAE heaped • Shoe: 600mm(24") triple grouser with 10,700kg (23,590 lb) CW

Landan	to 4									Load r	adius									At max. reach		
Load po		1.5 m(	5.0 ft)	3.0 m(1	10.0 ft)	4.5 m(15.0 ft)		6.0 m(20.0 ft)		7.5 m(2	25.0 ft)	9.0m(3	80.0 ft)	10.5m(35.0 ft)		12.0m(40.0 ft)		13.5m(45.0 ft)		Capacity		Reach
height m(ft)		ď	<b>-</b>	Ů	<b>-</b>	Ů	r <del>d</del>	Ů	<b>-</b>	Ů		ď		ď	<b>-</b>	Ů	<b>-</b>	Ů		Ů		m (ft)
9.0 m <b>30.0 ft</b>	kg Ib													*3080 *6790	*3080 *6790					*3130 *6900	*3130 *6900	12.91 (42.4)
7.5 m <b>25.0 ft</b>	kg lb													*3180 *7010	*3180 *7010	*2670 *5890	*2670 *5890			*3200 *7050	2740 6040	13.61
6.0 m <b>20.0 ft</b>	kg	i		İ		i		İ		İ		İ		*3450 *7610	*3450 *7610	*3400 *7500	*3400 *7500	İ		*3290 *7250	2440 5380	14.1 (46.3)
4.5 m	lb kg											*4190	*4190	*3830	*3830	*3630	3420			*3410	2250	14.4
<b>15.0 ft</b> 3.0 m	lb kg					*11100	*11100	*7540	*7540	*5830	*5830	*9240 *4870	*9240 *4870	*8440 *4280	*8440 4260	*8000 *3910	7540 3260	*1760	*1760	*7520 *3540	4960 2130	14.53
10.0 ft 1.5 m	lb kg					*24470 *10860	*24470 *10860	*16620 *9180	*16620 *9180	*12850 *6870	*12850 *6870	*10740 *5560	*10740 5250	*9440 *4750	9390 4010	*8620 *4230	7190 3090	*3880 *1940	*3880 *1940	*7800 *3690	4700 2090	(47.7) 14.49
5.0 ft Ground	lb kg					*23940 *10370	*23940 *10370	*20240 *10430	*20240 9120	*15150 *7750	*15150 6560	*12260 *6180	11570 4930	*10470 *5180	8840 3800	*9330 *4520	6810 2960	*4280	*4280	*8140 *3860	4610 2120	(47.5) 14.28
Line -1.5 m	lb			*7950	*7950	*22860 *11690	*22860 *11690	*22990 *11210	20110 8750	*17090	14460 6250	*13620 *6670	10870 4700	*11420 *5540	8380 3630	*9960 *4760	6530 2860	İ		*8510 *4040	4670 2230	(46.9)
-5.0 ft	kg lb	*0070	¥0070	*17530	*17530	*25770	*25770	*24710	19290	*18520	13780	*14700	10360	*12210	8000	*10490	6310			*8910	4920	(45.6)
-3.0 m <b>-10.0 ft</b>	kg lb	*8870 *19550	*8870 *19550	*10240 *22580	*10240 *22580	*13850 *30530	13680 30160	*11570 *25510	8600 18960	*8790 *19380	6090 13430	*6990 *15410	4570 10080	*5770 *12720	3540 7800	*4870 *10740	2810 6190			*4230 *9330	2440 5380	13.31 (43.7)
-4.5 m <b>-15.0 ft</b>	kg Ib	*11060 *24380	*11060 *24380	*12770 *28150	*12770 *28150	*15780 *34790	13820 30470	*11540 *25440	8610 18980	*8880 *19580	6050 13340	*7090 *15630	4530 9990	*5800 *12790	3530 7780	į		İ		*4430 *9770	2790 6150	12.5 (41.0)
-6.0 m - <b>20.0 ft</b>	kg Ib	*13500 *29760	*13500 *29760	*15760 *34740	*15760 *34740	*14940 *32940	14100 31090	*11120 *24520	8750 19290	*8630 *19030	6130 13510	*6880 *15170	4600 10140	*5490 *12100	3630 8000	I		I		*4600 *10140	3390 7470	11.41 (37.4)
-7.5 m - <b>25.0 ft</b>	kg lb	*16400 *36160	*16400	*19240 *42420	*19240 *42420	*13480 *29720	*13480 *29720	*10160 *22400	9040 19930	*7890 *17390	6350 14000	*6120 *13490	4820 10630	.2100	2000					*4700 *10360	4480 9880	9.94 (32.6)
-9.0 m	kg	30100	30100	*15380 *33910	*15380 *33910	*11020 *24290	*11020 *24290	*8300 *18300	*8300 *18300	*6130 *13510	*6130 *13510	13490	10030					1		10300	3000	(32.0)
-30.0 ft	lb			"3391U <sub>1</sub>	"3391U	"Z4Z9U	··24290	19300	19300	"1351U <sub>1</sub>	"13510											

NOTES

1. Lifting capacity is based on SAE J1097, ISO 10567.

2. Lifting capacity of the Robex Series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.

3. The load point is a hook (standard equipment) located on the back of the bucket. 4. (\*) indicates load limited by hydraulic capacity.